

ABSTRACT OF THE DISCLOSURE

A method, apparatus and system are for operating an automatic component mounting unit for mounting an electrical component onto a substrate of an electrical assembly. The automatic component mounting unit utilizes a number of different mounting members, such as a head, feeding and sensor members, for mounting a variety of different components. Each of the mounting members includes a data storage device. The automatic component mounting unit also includes a control device for communicating with a data storage device of each of the mounting members for processing an amount of process data that is specific to each of the mounting members and that is generated prior to installation. As a result, the mounting members are readily configured for optimal use upon installation of the mounting members.

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